

Gravatt, Dan

From: Tapia, Cecilia
Sent: Wednesday, June 18, 2014 10:51 AM
To: Field, Jeff; Gravatt, Dan; Jefferson, Matthew; Hoefer, David
Subject: FW: 2005 DNR Testing Docs

Information that the state received.

From: Schmidt, Aaron [mailto:aaron.schmidt@dnr.mo.gov]
Sent: Monday, June 16, 2014 4:27 PM
To: Tapia, Cecilia
Subject: FW: 2005 DNR Testing Docs

FYI...you can see our response/clarification lower in the email chain and then Harvey's response and primary reasoning.

From: Harvey Ferdman [mailto:HarveyFerdman@aol.com]
Sent: Monday, June 16, 2014 4:18 PM
To: 'Dawn Chapman'; Eppley, Daren; Schmidt, Aaron; Otto, Bill
Cc: 'Karen Nickel'; 'Bethanne S'; 'Debi Disser'; DNRContact, hatch.sarah@epa.gov; Doster, Branden
Subject: RE: 2005 DNR Testing Docs

For clarity: our community's concern is that this data may represent that radioactivity from the Manhattan Project has migrated outside the fence line of the landfills and/or arrived in the area somehow. Although it may be below FUSRAP remediation levels, the issue at hand is that during the last CAG meeting this study was cited by the EPA as proof that there is no contamination outside the fence line in the vicinity of the landfills. Comparing the data in this study and the background level for Th230 established by the North County ROD, there seems to be a contradiction in the EPA's statements, deepening the concern that the EPA is not objectively managing this situation. It is hoped that the EPA will clarify this at tonight's CAG meeting in St. Louis.

Sincerely,

Harvey

Harvey Ferdman
Policy Advisor to
Missouri State Representative Bill Otto, District 70
St. Louis, MO 63017
314-469-0595
314-761-5100 (cell)

From: Harvey Ferdman [mailto:HarveyFerdman@aol.com]
Sent: Monday, June 16, 2014 3:51 PM
To: 'Dawn Chapman'; 'Daren.Eppley@ago.mo.gov'; 'Schmidt, Aaron'; 'Bill Otto'
Cc: 'Karen Nickel'; 'Bethanne S'; 'Debi Disser'
Subject: RE: 2005 DNR Testing Docs

Dawn asked me to forward the following link for all the referenced files to you. It appears some email systems rejected the original attachments due to them being too big.

<https://www.hightail.com/download/ZUcxM25BaFJoMlhFdzhUQw>
DNR_Haul_Route_Docs.zip

0714



3.0

The linked file also includes DNR_Doc2.pdf. You will find the 8.81 pCi/g of Th230 on pdf pg. 23.

I also just received the following from Branden Doster at DNR:

Harvey:

I am unable to download the referenced document. After some research, the email below seems to be referencing the 2005 MDNR FUSRAP North St. Louis County Haul Road Soil Samples. The noted samples (#13, #14) are two sample results for Th230 taken along St Charles Rock Road. The results were:

#13 5.405 pCi/g

#14 4.414 pCi/g

Please note the cleanup goals for the FUSRAP North County ROD are:

Soil in the surface 6-inch layer will be removed if the radionuclide concentrations averaged over any area of 100 m2 exceed:

- 5 pCi/g of Ra-226 above background, or
- 14 pCi/g of Th-230 above background, or
- 50 pCi/g of U-238 above background.

Subsurface soil (soil deeper than 6 inches) will be removed where the subsurface radionuclide concentrations averaged over any area of 100 m2 and averaged over a 6-inch thick layer of soil exceed:

- 15 pCi/g of Ra-226 above background, or
- 15 pCi/g of Th-230 above background, or
- 50 pCi/g of U-238 above background.

Thanks,
Branden

I hope this helps,
Harvey

Harvey Ferdman

Policy Advisor to
Missouri State Representative Bill Otto, District 70
St. Louis, MO 63017
314-469-0595
314-761-5100 (cell)

From: Dawn Chapman [<mailto:dmteacher@gmail.com>]

Sent: Monday, June 16, 2014 2:37 PM

To: Daren.Eppley@ago.mo.gov; Schmidt, Aaron; Bill Otto; Harvey Ferdman

Cc: Karen Nickel; Bethanne S; Debi Disser

Subject: Fwd: 2005 DNR Testing Docs

----- Forwarded message -----

From

Date: Mon, Jun 16, 2014 at 2:27 PM

Subject: 2005 DNR Testing Docs

To:

I'm going to have to send multiple emails.

Look at pg. (pdf) 24 of the attachment (DNR_Doc1) for sample VPSCR081705SL13, which shows Th-230 at 5+ pCi/g.

Then look at pg. (pdf) 23 of DNR_Doc 2 for VPSCR081705SLOD and it shows Th-230 at 8+ pCi/g.

Attached will also be a map I created using the latitude/longitude of the samples collected, which is also attached.

--

Ed Smith

Safe Energy Director

Missouri Coalition for the Environment

c: (314) 705-4975 w: (314) 727-0600 x14

www.moenviron.org

@MoEnviron